

**MASTER OF HOSPITAL ADMINISTRATION  
SECOND SEMESTER  
HOSPITAL RESIDENCY  
MHA-204**

Duration : 3 hrs.

Full Marks: 70

( PART-A: Objective )

Time : 20 min.

Marks : 20

*Choose the correct answer from the following:*

1X20=20

1. What type of Energy is used for Radio therapy machine
  - a. X-ray
  - b. Photon
  - c. Electron
  - d. Photon & Electron
2. Histopathology is the diagnosis and study of diseases
  - a. Tissue
  - b. Bone
  - c. Eye
  - d. Blood
3. The standard temperature require for OT
  - a. 18 and 24°C
  - b. 18 and 25 °F
  - c. 18 and 45 °C
  - d. 40 and 75 °C
4. The minimum area required for Aphaeresis in a blood bank.
  - a. 500 sqft
  - b. 1000 sqft
  - c. 1500 sqft
  - d. 100 sqft
5. The minimum area required for whole blood in a blood bank.
  - a. 500 sqft
  - b. 1000 sqft
  - c. 100 sqft
  - d. None of above
6. Full form of BMT
  - a. Blood Malignance Transmission
  - b. Bone Marrow Transplant
  - c. Blood Monitoring Technique
  - d. None of above
7. Red cells are stored in refrigerators
  - a. 6°C
  - b. 16°C
  - c. -6°C
  - d. 36°C
8. Histopathology is
  - a. The diagnosis of blood
  - b. The diagnosis and study of diseases of the tissues
  - c. The study of bacteria
  - d. None of above
9. An intensive care unit (ICU), also known as
  - a. ITU
  - b. OT
  - c. MRD
  - d. CSSD
10. CSSD ideally to be located near
  - a. Store
  - b. ICU

- c. OPD  
d. OT
11. A blood bank is a place where  
a. Blood is collected  
b. Blood is collected and stored  
c. Blood is stored  
d. Blood is dispensed
12. Nuclear Medicine use to diagnose?  
a. Count blood cell  
b. To visualize the nervous system of the body  
c. To visualize the structure and function of an organ, tissue, bone  
d. To visualize the structure of brain
13. Epidemiology is the study of  
a. The distribution, determinants and control of illness and impairment in human populations  
b. Genetics  
c. Family  
d. Society
14. The pulse oximeter machine attaches to the patient's finger to measure  
a. Amount of oxygen contained in the blood  
b. Heartbeat  
c. Pulse  
d. Hemoglobin
15. Full form of PET scan  
a. Positron emission tomography  
b. Polyethylene Terephthalate  
c. Person emission tomography  
d. Performance evaluation technique
16. TSSU means  
a. Theater store supply unit  
b. Theater sterile supply Unit.  
c. Tissue sterile supply unit  
d. None of above
17. Medical record are normally kept for how many years  
a. 3 years  
b. 6 months  
c. 7 years  
d. 1 year
18. The minimum area require for component in blood bank  
a. 1000 sqft  
b. 100 sqft  
c. 500 sqft  
d. 1500 sqft
19. Full form of MRI scan  
a. Magnetic resource imaging  
b. Metal resonance imaging  
c. Magnetic resonance imaging  
d. None of above
20. The word "pediatrics" means  
a. Health of children  
b. Survivor of children  
c. Healer of children  
d. All of above

-- --- -

**[ PART-B : Descriptive ]**

Time: 2 HRS 40 MINS

Marks : 50

[ Answer question no.(1) & any four (4) from the rest ]

1. What is blood Bank? Write about the component and requirement of blood bank also draw normal flow diagram for whole blood. 10
  
2. a. Write the short note on Radio diagnosis. 5+5=10  
b. Write the short note on Microbiology.
  
3. a. Write short note about CSSD. 4+6=10  
b. Write what are the responsibilities and main objectives of CSSD .
  
4. a. Why MRD is required for hospital. 6+4=10  
b. What is the function of MRD.
  
5. a. Write brief note on ICU 5+5=10  
b. OT
  
6. Write about the role of: 5+5=10  
a. Preventive oncology Department.  
b. Palliative care Department
  
7. a. Explain about hospital discharge procedure. 5+5=10  
b. Write about In-patient Billing Software
  
8. a. Write about hospital billing? 5+5=10  
b. Uses of Hospital Billing Software in HMS

== \*\*\* ==